

Claims

1. An implantable prosthesis for repairing hernia defects, comprising a
basic structure (6) of meshed, in particular knitted, layer material (1)
5 which is deformable into a plug capable of being positioned in the her-
nia defect, **characterized**
 - **in that** the basic structure (6) is a blank (10) of the layer material
(1) of a shape preferably ranging from round to oval, which is
placed in concertina pleats (3) that are parallel to a direction of ex-
10 tension (2); and
 - **in that** the basic structure (6), in its undeformed position of rest, is
approximately hourglass-shaped in a plan view.
2. A prosthesis according to claim 1, **characterized in that** the fixing
15 arrangement is a fixing thread (5) that is stitched through the pleated
layers.
3. A prosthesis according to claim 2, **characterized in that** the fixing
seam (4) that is formed by the fixing thread (5) runs crosswise of the
20 direction of extension (2) of the pleats and crosswise of the principal
plane (H) of extension of the undeformed prosthesis.
4. A prosthesis according to claim 2 or 3, **characterized in that** the
thread of layer material and the fixing thread (5) consist of the same
25 plastic material, preferably polypropylene, and have the same thread
thickness, preferably 100 dtex.

AMENDED SHEET